

Appl. No. 09/758,026
Amdt. dated September 6, 2005
Reply to Office Action of April 5 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (cancelled).
Claim 2 (cancelled).
Claim 3 (cancelled).
Claim 4 (cancelled).
Claim 5 (cancelled).
Claim 6 (cancelled).
Claim 7 (cancelled).
Claim 8 (cancelled).
Claim 9 (cancelled).
Claim 10 (cancelled).
Claim 11 (cancelled).
Claim 12 (cancelled).
Claim 13 (cancelled).
Claim 14 (cancelled).
Claim 15 (cancelled).
Claim 16 (cancelled).
Claim 17 (cancelled).
Claim 18 (cancelled).
Claim 19 (cancelled).
Claim 20 (cancelled).

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Claim 21 (cancelled).

Claim 22 (cancelled).

Claim 23 (cancelled).

Claim 24 (cancelled).

Claim 25 (cancelled).

Claim 26 (cancelled).

Claim 27 (cancelled).

Claim 28 (cancelled).

Claim 29 (cancelled).

Claim 30 (currently amended): A pressure vessel comprising:

a seamless tank shell defining an interior space and having an outer surface wherein said tank shell is comprised of more than one boss, each of said bosses having a threaded portion; said outer surface having a fuel withdrawal assembly or a direct-sight fuel gauge mechanically fastened thereto; and said fuel withdrawal assembly includes a threaded portion engaged with said threaded portion of one of said plurality of bosses; and

said fuel withdrawal assembly is engaged with said one of said plurality of bosses by one and one-half revolutions of sealing force; and

said fuel withdrawal assembly includes a withdrawal outlet piece capable of 360 degree rotation when engaged with said fuel withdrawal assembly; and

said one of said bosses which is engaged with said fuel withdrawal assembly is substantially engaged with said interior space of said tank shell and said fuel withdrawal assembly extends less than 1.5 inches above said outer surface of said tank shell; and

the fuel withdrawal assembly comprises a split-nut housing including two mated halves,

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said mated halves defining an interior space and forming a continuous threaded portion, and, said withdrawal outlet piece rotatably engaged within said interior space defined by said mated halves; and

said one of said plurality of bosses to which the fuel withdrawal assembly is connected is comprised of a substantially capped end, the fuel withdrawal assembly is comprised of a lower flange having a lower surface, and the lower surface engages the capped end to form a seal; [and]

the [pressure vessel comprises a] direct-sight fuel gauge having a threaded portion engaged with said threaded portion of one of said plurality of bosses; and

the direct-sight fuel gauge comprises:

a gauge neck having a lower portion having threads, an upper portion having threads, and an interior wall having a gauge cap having threads wherein the lower portion of the gauge neck is threadedly connected to said one of said plurality of bosses, the gauge cap is threadedly connected to said upper portion of the gauge neck.

Claim 31 (previously presented): The pressure vessel of claim 30, wherein said interior wall of said gauge neck has two cradles and a plurality of tabs; a float arm having cross-bars; and said cross-bars of said float arm are engaged with said cradles and said plurality of tabs secure the cross-bars with the cradles.

Claim 32 (previously presented): The pressure vessel of claim 30 wherein the tank shell is comprised of high-density polyethylene.

Claim 33 (currently amended): The pressure vessel of claim 32 wherein the split-nut housing of the fuel withdrawal assembly is substantially comprised of 20% glass-filled polypropylene.

Claim 34 (previously presented): The pressure vessel of claim 33 wherein the threads of said plurality of bosses are buttress-style threads.

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Claim 35 (cancelled).

Claim 36 (cancelled).

Claim 37 (cancelled).

Claim 38 (cancelled).

Claim 39 (cancelled).

Claim 40 (cancelled).

Claim 41 (cancelled).

Claim 42 (cancelled).

Claim 43 (cancelled).

Claim 44 (cancelled).

Claim 45 (cancelled).

Claim 46 (cancelled).

Claim 47 (cancelled).

Claim 48 (cancelled).

Claim 49 (new): A portable fuel storage tank comprising:

a seamless tank shell defining an interior space and having an outer surface wherein said tank shell is comprised of more than one boss, each of said bosses having a threaded portion; said outer surface having a fuel withdrawal assembly or a direct-sight fuel gauge mechanically fastened thereto; and said fuel withdrawal assembly includes a threaded portion engaged with said threaded portion of one of said plurality of bosses; and

said fuel withdrawal assembly is engaged with said one of said plurality of bosses by one and one-half revolutions of sealing force; and

said fuel withdrawal assembly includes a withdrawal outlet piece capable of 360 degree

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rotation when engaged with said fuel withdrawal assembly; and

said one of said bosses which is engaged with said fuel withdrawal assembly is substantially engaged with said interior space of said tank shell and said fuel withdrawal assembly extends less than 1.5 inches above said outer surface of said tank shell; and

the fuel withdrawal assembly comprises a split-nut housing including two mated halves, said mated halves defining an interior space and forming a continuous threaded portion, and, said withdrawal outlet piece rotatably engaged within said interior space defined by said mated halves; and

said one of said plurality of bosses to which the fuel withdrawal assembly is connected is comprised of a substantially capped end, the fuel withdrawal assembly is comprised of a lower flange having a lower surface, and the lower surface engages the capped end to form a seal;

the direct-sight fuel gauge having a threaded portion engaged with said threaded portion of one of said plurality of bosses; and

the direct-sight fuel gauge comprises:

a gauge neck having a lower portion having threads, an upper portion having threads, and an interior wall having a gauge cap having threads wherein the lower portion of the gauge neck is threadedly connected to said one of said plurality of bosses, the gauge cap is threadedly connected to said upper portion of the gauge neck.

Claim 50 (new): The portable fuel storage tank of claim 49, wherein said interior wall of said gauge neck has two cradles and a plurality of tabs; a float arm having cross-bars; and said cross-bars of said float arm are engaged with said cradles and said plurality of tabs secure the cross-bars with the cradles.

Claim 51 (new): The portable fuel storage tank of claim 49 wherein the tank shell is comprised

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of high-density polyethylene.

Claim 52 (new): The portable fuel storage tank of claim 50 wherein the split-nut housing of the fuel withdrawal assembly is substantially comprised of 20% glass-filled polypropylene.

Claim 53 (new): The portable fuel storage tank of claim 52 wherein the threads of said plurality of bosses are buttress-style threads.